

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SANTA ROSA QUADRANGLE

Probably a lateral spread features along older faults

Probably landslide features along fault zones as drainages are systematically offset (EW)

Based on detailed air photos at 1:24,000 scale field mapping of R.D. Brown, 1970-71 (Brown, p.c. 1992).

Figure 5b (FER-141), Recently active breaks along the Rodgers Creek fault, Santa Rosa quadrangle (from Brown, 1970b). Scale 1:24,000.

EXPLANATION

Fault breaks
Solid line, obvious photogeologic or field evidence of recent movement shown by scarp lines, trenches, sag ponds, systematically diverted drainages, and historic records of fault displacement¹; dashed line, less obvious photogeologic or field evidence of recent movement, but very probably a fault break; dashed line in water-covered areas indicates approximate location of fault break

Areas probably underlain by landslide deposits
Enclosed by solid line where limit is well defined; by dashed line where limit is approximate or uncertain. Arrows show generalized direction of movement

¹The brief notes along the fault breaks indicate locations where the features mentioned are especially clear. Visible fault-trace features are not limited to the locations noted but are present to some degree all along the mapped fault lines